

CONFIDENTIAL  
Release Date 11-29-69

P-W

GULF #1 NAVAJO C NE NE496  
Sec. 32-T6N-R7W APACHE COUNTY

COUNTY Apache AREA 15 mi S/Lukachukai, Az LEASE NO. 14-20-0603-1219

WELL NAME Anadarko-  
Gulf #1 Navajo ~~000~~

LOCATION	NE NE	SEC	32	TWP	6N	RANGE	7W	FOOTAGE	660' FNL	660' FEL
ELEV	7411'	GR	7241 KB	SPUD DATE	5-14-69	STATUS	PGA	TOTAL		
						COMP. DATE	5-29-69	DEPTH	2778'	

CONTRACTOR      Circle A Drilling Co.

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	X
8 5/8"	366'	175SKS	NA	DRILLED BY CABLE TOOL	
				PRODUCTIVE RESERVOIR	
				INITIAL PRODUCTION	

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
DeChelly	477'	X	X	
Organ Rock	1383'			
Hermosa	2024'			
Mississippian	2283'			
Elbert	2430'			
McCracken	2615'			
Aneth	2680'			
Pre-Cambrian	2740'			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG <u>Am Strat</u>
IE Log; BHC-GR; FDC-GR	NA	NA	SAMPLE DESCRP <u>4 Corners</u>
			SAMPLE NO. <u>1577</u>
			CORE ANALYSIS
			DSTs <u>See Form 4</u>

REMARKS _____ _____	APP. TO PLUG _____
	PLUGGING REP. <u>  X  </u>
	COMP. REPORT <u>  X  </u>

WATER WELL ACCEPTED BY \_\_\_\_\_

BOND CO. Federal Insurance Company filed in PW 706 BOND NO. 8031-74-54

BOND AMT. \$ 25,000 CANCELLED 11-4-87 DATE 3-26-69  
ORGANIZATION REPORT

FILING RECEIPT 9578 LOC. PLAT x WELL BOOK x PLAT BOOK x

API NO. 02-001-20098 DATE ISSUED 4-25-69 DEDICATION E/2 NE/4

PERMIT NUMBER 446

**CONFIDENTIAL**

Release Date 11-27-69

(over)

DRILL STEM TEST			
NO.	FROM	TO	RESULTS
1	1200	1269	Rec. 390' Drilling Mud
2	2441	2516	Rec. 124' Drilling Mud
			See Completion Report

[illegible]

DATE STARTED - COMPLETED		WORK PERFORMED	NEW PERFORATIONS

ADDITIONAL INFORMATION

# WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

## DESIGNATE TYPE OF COMPLETION:

New Well ☐ Work-Over ☐ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☐ Dry ☒

## DESCRIPTION OF WELL AND LEASE

Operator Gulf Oil Corporation Address Box 1938, Roswell, New Mexico 88201

Federal, State or Indian Lease Number or name of lessor if fee lease 14-20-0603-1219 Well Number 1 Field & Reservoir Wildcat

Location 660' FN & EL, Section 32, 6-N, 7-W County Apache

Sec. TWP-Range or Block & Survey Sec 32, 6-N, 7-W

Date spudded 5-14-69 Date total depth reached 5-28-69 Date completed, ready to produce P & A Elevation (DF, RKB, RT or Gr.) feet Elevation of casing hd. flange feet

Total depth 2778' P.B.T.D. Single, dual or triple completion? If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion None Rotary tools used (interval) 0 - 2778' Cable tools used (interval)

Was this well directionally drilled? No Was directional survey made? No Was copy of directional survey filed? No Date filed

Type of electrical or other logs run (check logs filed with the commission) Induction Elect, BHC Compensated Sonic - GR & Compensated Density Date filed

## CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	12-1/4"	8-5/8"	21#	366'	175 sacks (Circulated)	

## TUBING RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
in.	ft.	ft.	in.	ft.	ft.	ft.	ft.

## LINER RECORD

## PERFORATION RECORD

Number per ft.	Size & type	Depth interval	Am't. & kind of material used	Depth interval

## ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

## INITIAL PRODUCTION

Date of first production June 6, 1969 Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)

Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity
			bbls.	MCF	bbls.	" API (Corr)

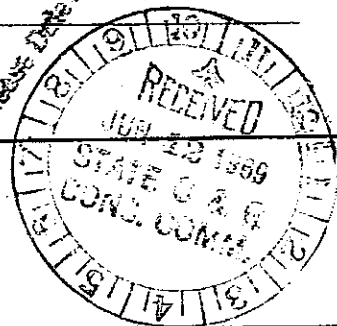
Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hrs.	Oil	Gas	Water	Gas-oil ratio
			bbls.	MCF	bbls.	

Disposition of gas (state whether vented, used for fuel or sold):

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the District Production Manager of the Gulf Oil Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date June 6, 1969

Signature M. I. Taylor  
M. I. TAYLOR



STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Well Completion or Recompletion Report and Well Log  
File One Copy

Permit No. 496

Form No. 4

(Complete Reverse Side)

# DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
DeChelly	477	1383	Sandstone
Organ Rock	1383	2025	Shale & Siltstone
Hermosa	2025	2283	Limestone
Mississippian	2283	2430	Limestone
Elbert	2430	2615	Dolomite
McCracken	2615	2680	Sandstone
Aneth	2680	2740	Dolomite
pre-Cambrian	2740	2778	Granite

DST #1: 1200-1269' (DeChelly) Pre-flow 2 min. Tool open 45 min. Good blow decreasing to weak blow at end of test. Rec. 390' drilling mud. No show of oil or gas. 2" pre-flow pressure 26#; IF-PP 26-198#; 30 min. ISIP 316#; 60 min. FSIP 303#, HPI-HPO 566#, BHT 90°F.

DST #2: 2441-2516' (Elbert) Pre-flow 5 min. Tool open 2 hrs. weak blow increasing to strong blow in 5 min. and continuing throughout test. Rec. 124' drilling mud and 718' muddy brackish water. 5" pre-flow pressure 53-66#; FP 79-409#; 30 min. ISIP 444#; 1 hr. FSIP 435#; HPI-HPO 1265#.

Pressure 15-17# 15-17# 15-17# 390' 124' (drilling mud)

Temperature 100°F 100°F 100°F 100°F 100°F 100°F

100

100

100

100

100 100 100 100 100 100

100 100 100 100 100 100

100 100 100 100 100 100

100 100 100 100 100 100

\* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

## INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. 4

[illegible]

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other ☐

1b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☒ Dry Hole

2. NAME OF OPERATOR

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

Box 1938, Roswell, New Mexico 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 660' FN &amp; EL, Section 32, 6-N, 7-W

At top prod. interval reported below

At total depth PLEASE CONSIDER THIS INFORMATION CONFIDENTIAL

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

14-20-0603-1219

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo (Anadarko)

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

32, 6-N, 7-W

12. COUNTY OR PARISH

Apache

13. STATE

Arizona

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RRB, RT, GR, ETC.)\* 19. ELEV. CASINGHEAD

5-14-69

5-28-69

Dry - P &amp; A

20. TOTAL DEPTH, MD &amp; TVD

2778'

21. PLUG, BACK T.D., MD &amp; TVD

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 - 2778'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

None

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Elect., BHC Compensated Sonic - GR &amp; Compensated Density

27. WAS WELL CORED

No

## CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24.4	366'	12-1/4"	175 sacks (Circulated)	

## 29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

## 30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

## 31. PERFORATION RECORD (Interval, size and number)

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

## 33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	WELL STATUS

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	WELL STATUS

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

## 35. LIST OF ATTACHMENTS

Induction Elect., BHC Compensated Sonic, GR &amp; Compensated Density

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

BY

M. I. TAYLOR

TITLE District Production Manager

DATE June 6, 1969

\*(See Instructions and Spaces for Additional Data on Reverse Side)

4964

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 88, below regarding separate reports for separate completions. (drillers, geologists, sample and core analysis, all types electric, etc.), formations and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 36.

**Item 24:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 88. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sucker Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW-ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CONED INTERVALS; AND, ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS		
FORMATION	TOP	DEPTH	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
DST #1 DeChelly	1200	1269	DeChelly Organ Rock Bermosa Mississippian Elbert	477 1383 2025 2283 2430 2615 2680 2740	
<p>Pre-flow 2 min. Tool open 45 min. Good blow decreasing to weak blow at end of test. Rec. 390' drilling mud. No show of oil or gas. 2" pre-flow pressure 264; IP-PP 26-1984; 30 min ISIP 3164; 60 min. PSIP 3034; HPI-HFO 5664; BHT 9007.</p>					
DST #2 Elbert	2441	2516	McCracken Aneth pre-Cambrian		
<p>Pre-flow 5 min. Tool open 2 hrs, weak blow increasing to strong blow in 5 min. and continuing throughout test. Rec. 124' drilling mud and 718' muddy brackish water. 5" pre-flow pressure 53-664; PP 79-4094; 30 min. ISIP 4444; 1 hr PSIP 4354; HPI-HFO 1264.</p>					



Form 9-331  
(May 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

24-20-0603-1219

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo (Anadarko)

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC. T., R., M., OR BLM. AND SURVEY OR AREA

Sec 32, 6-N, 7-W

12. COUNTY OR PARISH

Apache

13. STATE

Arizona

SUNDRY NOTICES AND REPORTS ON WELLS  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL ☐ WELL ☐ GAS ☐ WELL ☐ OTHER ☒ Dry hole

2. NAME OF OPERATOR  
Gulf Oil Corporation

3. ADDRESS OF OPERATOR  
Box 670, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface

660' FN & EL, Section 32, 6-N, 7-W

PLEASE CONSIDER THIS INFORMATION CONFIDENTIAL

14. PERMIT NO.

15. ELEVATIONS (Show whether DT, RT, CR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

SUBSEQUENT REPORT OF:

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

4v Reached TD of 7-7/8" hole at 2778' at 8:00 PM, May 28, 1969. No show of oil or gas. Obtained permission from Mr. Seelinger with USGS and Mr. Bannister with the Arizona Oil & Gas Conservation Commission and plugged and abandoned as follows: Spotted 35 sack cement plug No. 1 from 2245' to 2345'; 40 sack plug No. 2 from 2060' to 1960'; 35 sack plug No. 3 from 403' to 303' and 5 sack cement plug No. 4 from 30' to surface. Installed dry hole marker. Plugged and abandoned May 29, 1969.

18. I hereby certify that the foregoing is true and correct

SIGNED C. D. BORLAND

TITLE Area Production Manager

DATE June 4, 1969

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

6  
496

Form 5-331  
(May 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

**SUNDY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. ☐ OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

Box 670, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

660' FN & EL, Section 32, 6-N, 7-W

PLEASE CONSIDER THIS INFORMATION CONFIDENTIAL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

5. LEASE DESIGNATION AND SERIAL NO.

11-20-0603-1219

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo (Anadarko)

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC. T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec 32, 6-N, 7-W

12. COUNTY OR PARISH 13. STATE

A pache

Arizona

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

SUBSEQUENT REPORT OF

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)\*

Circle A Drilling Company spudded 12-1/4" surface hole at 11:00 PM, May 11, 1969. Drilled to 370'. Ran 11 joints, 354' of 8-5/8" 24# K-55 ST&C casing set and cemented at 366' with 175 sacks of Class A cement with 2% Ca Cl2 and 4% gel in first 75 sacks. Cement circulated. WOC 24 hours. Tested casing with 1100#, 30 minutes, OK.

Started drilling 7-7/8" hole at 370'.

18. I hereby certify that the foregoing is true and correct

ORIGINAL SIGNED BY

SIGNED C. B. BORLAND

TITLE Area Production Manager

DATE June 11, 1969

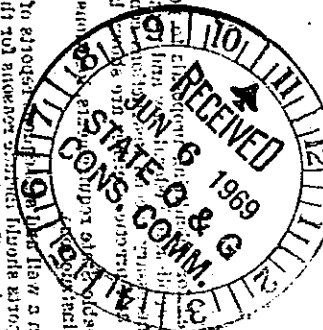
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APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

\*See Instructions on Reverse Side



496

May 29, 1969

Memo to: File 496  
Gulf #1 Navajo  
NE NE 32 6N 7W, Apache Co.

From: John Bannister

Larry Yeager of Gulf phoned this date for permission to plug.

Tops reported are:

De Chelly	477'
Organ Rock	1385'
Hermosa	2025'
Mississippian	2283'
Elbert	2430'
McCracken	2614'
Aneth	2680'
PreCambrian	2740'
Granite	2778'

TD 2778'.

Plugging programs are as follows:

2150 to 2250  
1975 to 2075  
310 to 410  
Surface Plug

This program has been approved by U.S.G.S. Verbal permission given by Commission this date.

Y-Chileno

496

From Chuck N. @ telephone 5-27-69 → JST

#496 Gulf #1 Nav. 1219 Gr elev. 7411

Spud 5-14-69

Set  $8\frac{5}{8}$  @ 366' w/ 179 5x

on 5-23-69 drilling at 2300'

Form 9-331C  
(May 1963)

SUBMIT IN TRIPPLICATE\*  
(Other Inst. on reverse)

Form approved.  
Budget Bureau No. 42-R1425.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☐ OTHER ☒ Wildcat SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR  
Gulf Oil Corporation

3. ADDRESS OF OPERATOR  
Post Office Box 1938, Roswell, New Mexico 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface  
660' FUEL Sec. 32, T-6-N, R-7-W, Navajo Special Meridian

At proposed prod. zone  
Within 600' of surface location

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
15 miles south of Lukachukai, Arizona 86507

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any) 660'

16. NO. OF ACRES IN LEASE 640

17. NO. OF ACRES ASSIGNED TO THIS WELL 80

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
First Well 3000'

19. PROPOSED DEPTH 3000'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
Will report later

22. APPROX. DATE WORK WILL START\*  
May 1, 1969

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	350'	Circulate

PROGRAM:

(1) Drill 11" hole to 350'.  
(2) Run 8-5/8" casing to bottom, circulate cement.  
(3) Drill out and drill ahead with water.  
(4) Mud up with water gel mud.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED \_\_\_\_\_ TITLE District Production Manager DATE \_\_\_\_\_

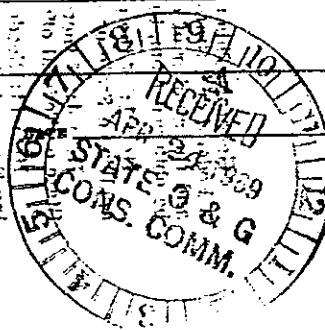
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PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side



# APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL ☒

RE-ENTER OLD WELL ☐

GULF OIL CORPORATION

NAME OF COMPANY OR OPERATOR

Post Office Box 1938, Roswell, New Mexico 88201  
Address City State

Will report later

Drilling Contractor

Address

## DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor 14-20-0603-1219	Well number and Name Navajo (Anadarko) #1	Elevation (ground) Will report later
Nearest distance from proposed location to property or lease line: 660 feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: First well feet	
Number of acres in lease: 640	Number of wells on lease, including this well, completed in or drilling to this reservoir: One	
If lease, purchased with one or more wells drilled, from whom purchased:	Name	Address

Well location (give footage from section lines) 660' FN&EL	Section—township—range or block and survey 32 T-6-N, R-7-W	Dedication (Comply with Rule 105) 80 acres
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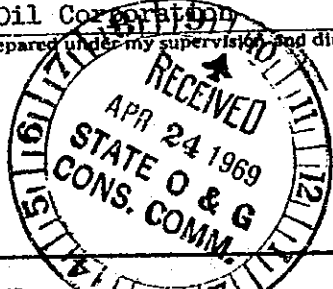
Field and reservoir (if wildcat, so state) Wildcat	County Apache
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Distance, in miles, and direction from nearest town or post office  
15 miles south of Lukachukai, Arizona 86507

Proposed depth: 3000'	Rotary or cable tools Rotary	Approx. date work will start May 1, 1969
Bond Status Blanket Amount \$25,000	Organization Report On file X Or attached	Filing Fee of \$25.00 Attached X

Remarks:

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the District Production Manager of the Gulf Oil Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.



Signature

Date

Permit Number:

Approval Date:

Approved By:

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

Form No. 3

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Application to Drill or Re-enter  
File Two Copies

1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
3. All distances shown on the plat must be from the outer boundaries of the Section.
4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES X NO \_\_\_\_\_
5. If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES \_\_\_\_\_ NO \_\_\_\_\_ If answer is "yes," Type of Consolidation \_\_\_\_\_
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description														
See Attached	<p style="text-align: center;"><b>CERTIFICATION</b></p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Name</td> <td style="padding: 2px;"><i>M. L. Taylor</i></td> </tr> <tr> <td style="padding: 2px;">Position</td> <td style="padding: 2px;">District Production Manager</td> </tr> <tr> <td style="padding: 2px;">Company</td> <td style="padding: 2px;">Gulf Oil Corporation</td> </tr> <tr> <td style="padding: 2px;">Date</td> <td style="padding: 2px;">4-22-69</td> </tr> </table> <p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Date Surveyed</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Registered Professional Engineer and/or Land Surveyor</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Certificate No.</td> <td style="padding: 2px;"></td> </tr> </table>	Name	<i>M. L. Taylor</i>	Position	District Production Manager	Company	Gulf Oil Corporation	Date	4-22-69	Date Surveyed		Registered Professional Engineer and/or Land Surveyor		Certificate No.	
Name	<i>M. L. Taylor</i>														
Position	District Production Manager														
Company	Gulf Oil Corporation														
Date	4-22-69														
Date Surveyed															
Registered Professional Engineer and/or Land Surveyor															
Certificate No.															

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
8-5/8"	24#	J	0	350'	350'	Circulate

Company GULF OIL CORPORATION

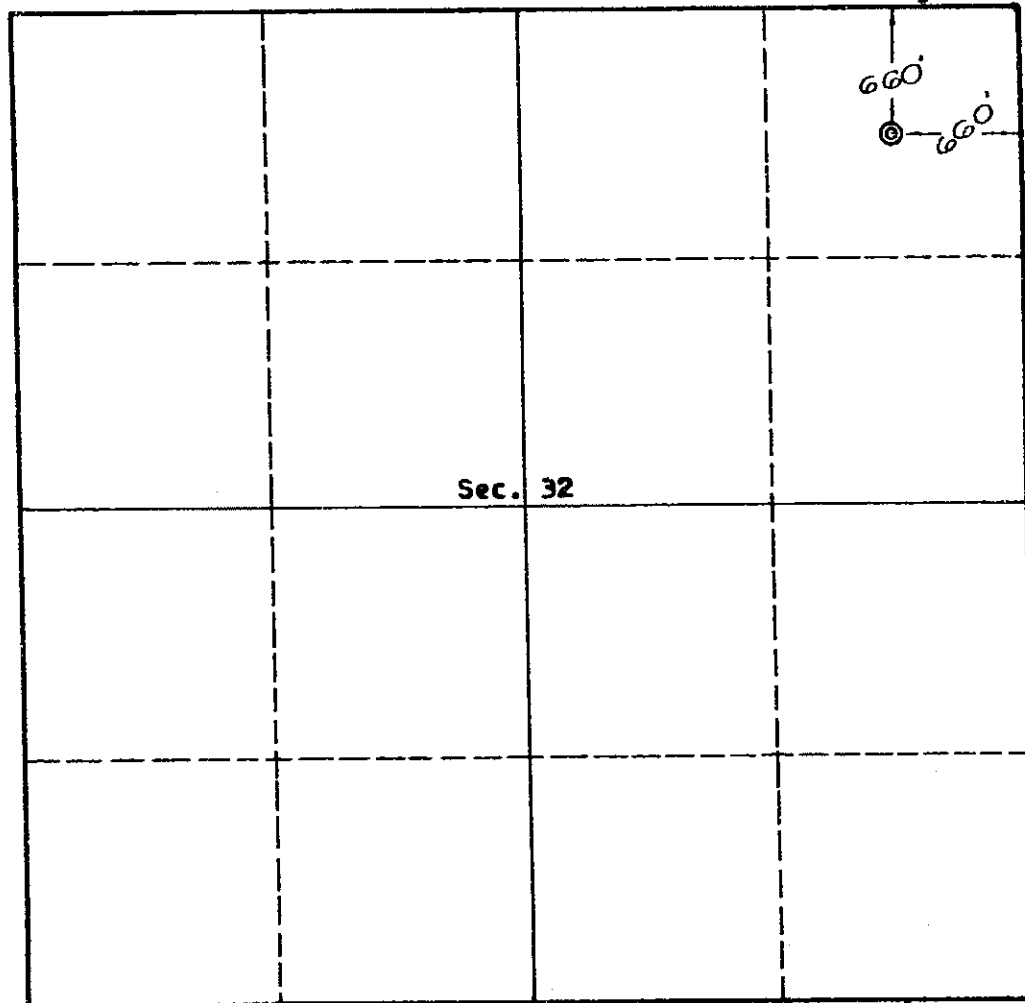
Well Name & No. NAVAJO (ANADARKO) Well No. 1

Location 660 feet from the North line and 660 feet from the East line.

Sec. 32, T. 6 N., R. 7 W., Navajo Special Meridian, Apache County, Arizona

Ground Elevation \_\_\_\_\_

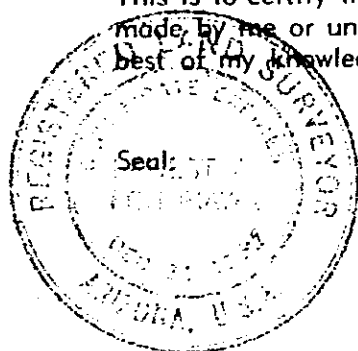
Lat.  $36^{\circ} 12' 13.633''$  N.  
Long.  $109^{\circ} 14' 58.714''$



(Survey as per Arizona Protraction Diagram No. 46)

Surveyed April 16, 1969

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



*E. V. Echohawk*  
Ernest V. Echohawk  
Registered Land Surveyor  
Arizona Reg. No. 2311







## PERMIT TO DRILL

This constitutes the permission and authority from the

OIL AND GAS CONSERVATION COMMISSION,  
STATE OF ARIZONA,

To: Gulf Oil Corporation  
(OPERATOR)

to drill a well to be known as

Gulf #1 Navajo  
(WELL NAME)

located 660' YEL - 660' YEL

Section 32 Township 6N Range 7W RSM, Apache County, Arizona.

The E/2 NE/4 of said  
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled  
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 25th day of April, 19 68.

OIL AND GAS CONSERVATION COMMISSION

By

John Bannister  
EXECUTIVE SECRETARY

PERMIT N° 496

RECEIPT NO. 9578

State of Arizona  
Oil & Gas Conservation Commission  
Permit to Drill

FORM NO. 27

API NO. 02-001-20098  
SAMPLES ARE REQUIRED

PHONE 325-9232

641 WEST BROADWAY

**FOUR CORNERS SAMPLE CUT ASSOCIATION**

P. O. BOX 899  
FARMINGTON, NEW MEXICO

June 12, 1969

James A. Lambert  
Oil & Gas Conservation Commission  
State of Arizona  
1624 West Adams  
Phoenix, Arizona 85007

Dear Mr. Lambert:

The following well has been received at this office.

4<sup>th</sup>

**GWIF** **Anadarko** #1 Navajo 1219  
NE/NE Sec. 32-6N-7W  
Apache Co. Arizona

It is to be held title until further notice.

Thanks so much for sending the list of well permits.

Yours truly,

Mrs. Jo Ratcliff

*Jo Ratcliff*



496

# Gulf Oil Company - U.S.

EXPLORATION AND PRODUCTION DEPARTMENT  
ROSWELL DISTRICT

T. W. Kidd  
DISTRICT MANAGER  
M. I. Taylor  
DISTRICT PRODUCTION  
MANAGER  
P. E. Wyche  
DISTRICT EXPLORATION  
MANAGER  
H. A. Rankin  
DISTRICT SERVICES MANAGER

P. O. Drawer 1938  
Roswell, New Mexico 88201

May 20, 1969

State of Arizona  
Oil and Gas Conservation Commission  
1624 West Adams, Room 202  
Phoenix, Arizona 85007

Re: Navajo Anadarko No. 1  
Apache County, Arizona

Gentlemen:

4<sup>v</sup>  
On our application for permit to drill the subject well we stated that the name of the drilling contractor and the elevation would be reported later.

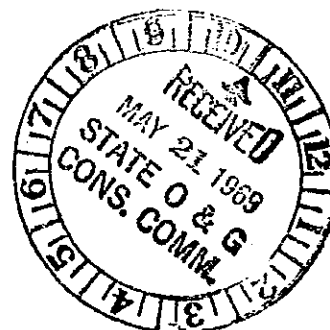
The drilling contractor is Circle A Drilling Company,  
1110 Denver Club Building, Denver, Colorado 80202.

The ground elevation is 7,411 feet.

Yours very truly,

*M. I. Taylor*  
M. I. Taylor

REA:sz



A DIVISION OF GULF OIL CORPORATION

496

# Gulf Oil Company - U.S.

EXPLORATION AND PRODUCTION DEPARTMENT  
ROSWELL DISTRICT

T. W. Kidd  
DISTRICT MANAGER  
M. I. Taylor  
DISTRICT PRODUCTION  
MANAGER  
P. E. Wyche  
DISTRICT EXPLORATION  
MANAGER  
H. A. Rankin  
DISTRICT SERVICES MANAGER

P. O. Drawer 1938  
Roswell, New Mexico 88201

May 15, 1969

Oil and Gas Conservation Commission  
State of Arizona  
Room 202  
1624 West Adams  
Phoenix, Arizona 85007

Attention: Mr. John Bannister

Re: Gulf No. 1 Anadarko/Navajo  
660' FNL & 660' FEL  
Section 32, T-6-N, R-7-W,  
Apache County, Arizona  
Permit No. 496

Gentlemen:

Please be advised that the above well was spudded on  
May 14, 1969 at 11:00 P.M. On the morning of May 15, 1969, it  
was drilling at 103 feet.

We request that information on this well be kept  
confidential.

Yours very truly,

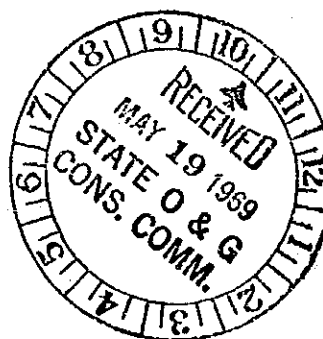
*L. R. Marshall*

L. R. Marshall  
District Exploration Geologist

LRM:sz



A DIVISION OF GULF OIL CORPORATION



496

X Chano  
X-Lambert

April 25, 1969

Mr. M. I. Taylor  
Gulf Oil Corporation  
P. O. Box 1938  
Roswell, New Mexico 88201

Re: Gulf #1 Navajo 1219  
T6N, R7W, NSM  
Sec. 32: c NE NE  
Apache County  
Permit #496

Dear Mr. Taylor:

Enclosed is the Application for Permit To Drill which has been approved, our Receipt #9578, a copy of your plat, and our Permit To Drill #496.

We also enclose miscellaneous instruction sheets pertaining to well samples and reports required by this office.

Yours truly,

John Bannister  
Executive Secretary

jf

Enc.

496

# Gulf Oil Company - U.S.

EXPLORATION AND PRODUCTION DEPARTMENT  
ROSWELL DISTRICT

T. W. Kidd  
DISTRICT MANAGER  
M. I. Taylor  
DISTRICT PRODUCTION  
MANAGER  
P. E. Wyche  
DISTRICT EXPLORATION  
MANAGER  
H. A. Rankin  
DISTRICT SERVICES MANAGER

April 22, 1969

P. O. Drawer 1938  
Roswell, New Mexico 88201

State of Arizona  
Oil and Gas Conservation Commission  
1624 West Adams, Room 202  
Phoenix, Arizona 85007

Re: Application for Permit to Drill  
Navajo Anadarko No. 1  
Apache County, Arizona

Gentlemen:

Enclosed for your consideration and approval are the following:

- (1) Two copies of Application for Permit to Drill.
- (2) Two copies of location plat.
- (3) Cashier's Check in the amount of \$25.00 covering Permit fee.

If this Application meets with your approval, please forward Permit to the above address, Attention: District Production Manager.

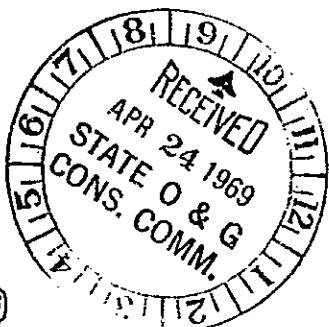
Yours very truly,

*M. I. Taylor*  
M. I. Taylor

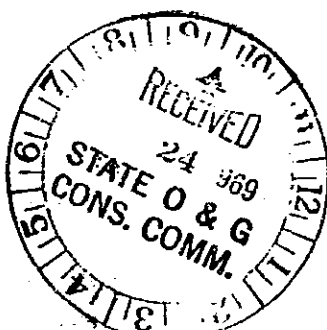
Enclosures  
RE:ers



A DIVISION OF GULF OIL CORPORATION



496



# Gulf Oil Company - U.S.

EXPLORATION AND PRODUCTION DEPARTMENT  
ROSWELL DISTRICT

P. O. Drawer 1938  
Roswell, New Mexico 88201

T. W. Kidd  
DISTRICT MANAGER  
M. I. Taylor  
DISTRICT PRODUCTION  
MANAGER  
P. E. Wyche  
DISTRICT EXPLORATION  
MANAGER  
H. A. Rankin  
DISTRICT SERVICES MANAGER

April 22, 1969

U. S. Geological Survey  
Post Office Box 959  
Farmington, New Mexico 87401

Re: Application for Permit to Drill  
Navajo Anadarko No. 1  
Apache County, Arizona

Gentlemen:

Enclosed for your consideration and approval are three copies of Application for Permit to Drill with three copies of location plat for well.

By carbon copy of this letter, we are furnishing the Navajo Indian Tribe copies of the above enclosures.

If this Application meets with your approval, please forward Permit to the above address, Attention: District Production Manager.

Yours very truly,

*M. I. Taylor*  
M. I. Taylor

Enclosures  
RE:Nav

cc: Navajo Area Office  
Bureau of Indian Affairs  
Window Rock, Arizona 86515  
(w/attachments)

State of Arizona  
Oil and Gas Conservation Commission  
1604 West Adams, Room 202  
Phoenix, Arizona 85007  
(w/attachments)



DIVISION OF GULF OIL CORPORATION

